

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/007759 A2

- (51) International Patent Classification⁷: **C09D 7/00**
- (21) International Application Number: **PCT/NL2004/000517**
- (22) International Filing Date: **16 July 2004 (16.07.2004)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
60/489,121 **23 July 2003 (23.07.2003) US**
- (71) Applicant (*for all designated States except US*): **DSM IP ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).**
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): **YOU, Xiaorong [US/US]; 35 Decidely Lane, Bear, DE 19701 (US).**
- (74) Agent: **RENKEMA, J.; DSM Intellectual Property, P.O. Box 9, NL-6160 MA Geleen (NL).**
- (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/007759 A2

(54) Title: VISCOSITY REDUCIBLE RADIATION CURABLE RESIN COMPOSITION

(57) Abstract: The invention relates to a viscosity reducible radiation curable composition comprising at least one radiation curable component and a filler, wherein the composition has the properties i) a yield stress value of < 1100 Pa, ii) a viscosity (at a shear rate of 1 sec between 1 and 1500 Pa.sec, and iii) a filler settling speed less than 0.3 mm/day.